Peter Hill, URSB Secretary started the Virtual Public Meeting by introducing himself and the meeting. Holly Welch, URSB Designee for the Ohio Emergency Management Agency called the Utility Radiological Safety Board (URSB) Statutory Board meeting to order at 1:30 PM on July 13, 2020. The meeting was conducted as a live public event utilizing Microsoft TEAMS. The public invitation and link to join the meeting were posted on the URSB website and in a press release.

The first order of business from the agenda was the roll call taken by Peter Hill, URSB board secretary.

I. ROLL CALL (Board Members)
   EMERGENCY MANAGEMENT AGENCY (Ohio EMA) HOLLY WELCH – Present
   DEPARTMENT OF HEALTH (ODH) REBECCA FUGITT – Present
   ENVIRONMENTAL PROTECTION AGENCY (OEPA) BRADLEY MITCHELL - Present
   DEPARTMENT OF AGRICULTURE (ODA) TERRI GERHARDT - Present
   PUBLIC UTILITIES COMMISSION (PUCO) JOHN WILLIAMS - Present
   DEPARTMENT OF COMMERCES (ODOC) JOHN SHARIER- Present

   A quorum was declared.

   Other Notable Attendees:
   Mr. Chris Dahs, Energy Harbor Nuclear (EHN)
   Mr. Allan Barker, Nuclear Regulatory Commission (NRC)
   Mr. Chris Salz, Ohio Emergency Management Agency (OEMA)
   Mr. Edward Golinski, Federal Emergency Management Agency (FEMA)
   Mr. Bradley Mitchell, Ohio Environmental Protection Agency (OEPA)

II. APPROVAL OF THE JANUARY 13, 2020 MINUTES
   Ms. Welch provided a few minutes for the board to review the January 13, 2020 minutes. There were no corrections requested. Ms. Welch asked for a motion to approve the January 13 minutes as written. Ms. Gerhardt made a motion to accept the minutes and Ms. Fugitt seconded the motion. A vote was called, all in favor, none opposed, the motion passed.

III. OLD BUSINESS

   A. Report on KI extension and replacement.

   Ms. Rebecca Fugitt reported that the new supply of KI was received on March 4, 2020. The new batch was short 100,000 pills compared to the 2014 order. The original request of one batch was not able to be fulfilled. Ohio received 2 different lot numbers with different expiration dates. NRC indicated that the KI shortage will be shipped later in the year and the KI received will have another lot number. The purchase order for printing the plastic bags and product inserts was submitted in April 2020 and is in progress.
IV. NEW BUSINESS

A. Member Agency Quarterly Reports

1. Ohio Department of Agriculture – Terri Gerhardt
   - Nothing significant to report.

2. Public Utilities Commission – John Williams
   - Nothing significant to report.

3. Ohio Department of Health – Rebecca Fugitt
   - ODH’s complete report was provided to each board member prior to the meeting, and is available by contacting the URSB Secretary at (614) 889-7150.
   - The Ohio Department of Health (ODH) did not participate in any JIOP’s during the first and second quarter. However, ODH was present at the Davis-Besse exit meeting on March 6 via phone as well as the Perry exit meeting on May 8, 2020 via Microsoft Teams. Craig Helm completed his annual refresher training to maintain Unescorted Access in March 2020. Lab did collect and evaluate 242 environmental samples on power plants. All samples were at or near minimum detectable activity.
   - 424 environmental samples have been collected during the 3rd and 4th quarters of SFY 2020, specifically: 181 air particulate, 181 carbon cartridges, 60 water, and 2 sediment samples. The ODH Lab analyses shows samples were near or below the Lower Limit of Detection (LLD) to date.
   - ODH provided the necessary supplies for contractors to continue collection of environmental monitoring samples.
   - ODH BEHRP participated in the focus drill with Beaver Valley on February 27, 2020. The remainder of the integrated drills scheduled during this period have been cancelled or rescheduled due to COVID-19 protocols.
   - Planning for the Beaver Valley and Perry plant exercises and dry runs continues. Rosters for ODH and training dates are being developed.
   - Attended Nuclear Power Plant Emergency Planning (NPPEP) meetings virtually.
   - Attended Nuclear Planning and Advisory Committee (NEPAC) meeting on January 23, 2020.
   - The state dose assessment procedures were completed documenting the process for the new URI-RASCAL software.
   - To maintain proficiency with TurboFRMAC software, problem sets continue to be distributed quarterly to individuals who have completed the Assessment Scientist 100 course provided by FRMAC.
4. **Ohio EMA – Chris Salz**
   Mr. Salz talking points were provided to each board member prior to the meeting. He reviewed a few of them with the board; the complete list can be obtained from the URSB Secretary at 614-889-7150.
   
   - Met with ODH and OEPA on 2017 PAG manual adoption.
   - Submitted State and County 2020 REP plans and SOGs to FEMA per annual requirement.
   - Distributed 2020 REP plan via paper and electronic media, and posted on Ohio EMA website.
   - Worked with USCG on MOU regarding waterway clearing for nuclear power plant emergencies.
   - RRAs distributed KI extension letters to agencies and locations with Emergency Worker and Institutionalized KI.
   - BVPS 2020 dry run and exercise planning for both State and Columbiana County.
   - REP Instrument and Dosimetry exchanges for Lake, Geauga and Ashtabula Counties.
   - Participated in FRMAC State’s Conference call.
   - Reviewed various REP MOUs for annual requirement.
   - Annual Letter of Certification for 2019 reviewed and approval received from FEMA region V.
   - Hosted and attended BVPS systems and dose assessment trainings.
   - Steve Bertonaschi completed Advanced Radiological Incident Operations (ARIO) course at the Center for Domestic Preparedness.
   - NEPAC and NPPEP meetings.
   - Hiring of replacement RRA for Bart Ray on hold due to state hiring freeze.
   - Worked with FEMA and postponed the BVPS full scale exercise and dry run.
   - Worked with FEMA on an exemption on this year’s calibration/exchange of REP instrumentation.
   - Worked with FEMA and other stakeholders on switching both BVPS and PNPP exercises to a virtual environment where possible.
   - RIM&C continued calibrations for REP where possible and other clients.
   - Compiled COVID related real world efforts to apply for REPP credit with FEMA.
   - Working with USCG to update MOU concerning lake clearance.
   - PNPP 100 day meeting via WEBEX.
   - Working on means, forms, etc. to conduct upcoming Integrated Drills and Exercises over MS TEAMS and other virtual medium.
   - Various personnel attended NTSF webinars.
5. **Environmental Protection Agency – Bradley Mitchell**  
Ohio EPA’s quarterly report was provided to each board member prior to the meeting. It is available by contacting the URSB Secretary at 614-889-7150.

- Mr. William Lohner no longer works for OEPA, having taken a position at ODH. OEPA is working on posting for a replacement.
- Ohio EPA participated in the URSB quarterly meeting at Ohio EMA on January 13, 2020.
- Ohio EPA participated in the NEPAC meeting at FENOC, Akron Campus, on January 23, 2020.
- Ohio EPA staff completed a wide variety of online trainings since Ohio EPA has implemented teleworking.
- Perry Nuclear Power Plant (PNPP) NPDES – No effluent violations from January 2020 through June 2020. Last inspection occurred on December 9, 2019 with an inspection letter being sent on January 8, 2020. There were no violations cited during that time.
- Davis-Besse Nuclear Power Station (DBNPS) NPDES – No effluent violations from January 2020 through June 2020. No violations cited were cited during that time.

6. **Department of Commerce – John Sharier**  
- Nothing significant to report.

**B. Form URSB Task Group to produce annual report of URSB per ORC.**

After an introduction of the need to produce an annual report, Ms. Welch asked for a motion to form a task group to generate the URSB Annual Report, and present to the board for approval at the October meeting. Ms. Gerhardt made the motion, Mr. Mitchell seconded. A vote was taken, all in favor, none opposed. Ms. Welch then asked if each agency would identify a representative to contact and work with Mr. Hill within the next week, he would coordinate the production of the annual report.

**C. Nuclear Regulatory Commission (NRC): Mr. Allan Barker**  
Mr. Barker reported on the third quarter integrated inspection reports issued in November 2019 for each of the plants.

**Davis Besse:** On May 15, 2020, the first quarter integrated inspection report for Davis-Besse was issued. Based on the results of the inspection, there were no findings or violations of more than minor significance identified during this inspection.

- The March 3, 2020, Annual Assessment letter documents NRC’s completion of its end-of-cycle performance assessment of Davis-Besse, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2019 through December 31, 2019. The NRC determined the performance at Davis-Besse during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC’s Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections.

- An upcoming Davis-Besse inspection on, “Evaluations of Changes, Tests, and Experiments” is planned for November 16-20, 2020. This information, and additional 2020/2021 planned
inspections are identified by the Inspection Activity Plan, which is attached to the March 3, 2020, Annual Assessment letter.

**Perry Nuclear Power Plant:** On May 14, 2020, the first quarter integrated inspection report for Perry was issued. Based on the results of the inspection, there were no findings or violations of more than minor significance identified during this inspection.

- The March 3, 2020, Annual Assessment letter documents NRC’s completion of its end-of-cycle performance assessment of Perry, reviewing PIs, inspection results, and enforcement actions from January 1, 2019 through December 31, 2019. The NRC determined the performance at Perry during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC’s ROP Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections.

- An upcoming Perry inspection on, “Inservice Inspection Activities” is planned for March 10-19, 2021. This information, and additional 2020/2021 planned inspections are identified by the Inspection Activity Plan, which is attached to the March 3, 2020, Annual Assessment letter.

**Beaver Valley:** On May 7, 2020, the first quarter integrated inspection report for Beaver Valley Units 1 and 2 was issued. Based on the results of the inspection, one finding of very low safety significance (Green) was identified and is summarized as follows.

- A Green self-revealing finding was identified for the licensee’s failure to correct an adverse condition with the atmospheric steam dump valves as required by the Corrective Action Program. On November 4, 2019, at 0535 hours, while starting up from a refueling outage, operators manually tripped the Unit 1 reactor from approximately 15% reactor power in response to secondary system perturbations that had caused the ‘B’ and ‘C’ steam generator atmospheric dump valves (ADV) to open and the 1A main steam safety valve (MSSV) to lift due to high steam generator pressure. The licensee determined that the 1A MSSV lifted before the ‘A’ ADV opened, contrary to the plant design, because the open set point for the ‘A’ ADV pressure switch had drifted high out-of-tolerance above the 1A MSSV lift set point. The licensee determined that there was a similar event in 2009 in which the 1A MSSV lifted before the ‘A’ ADV opened. The 2009 investigation identified the overlap in the set point tolerances between the 1A MSSV and the ADV, but concluded that there was not a design issue because the MSSV lift set point and accumulation were permitted to overlap the ADV open set point range, and therefore took no action to correct the adverse condition. The inspectors determined that the overlap in set point tolerance between the 1A MSSV and the ‘A’ ADV was an adverse condition that should have been corrected following the 2009 event to prevent unnecessary operation of MSSVs. The licensee recalibrated the pressure switch input to the ‘A’ ADV in the low end of its tolerance band to eliminate the as-left tolerance overlap. There was no crosscutting aspect assigned to this finding because the inspectors determined the finding did not reflect present licensee performance.

- The March 3, 2020, Annual Assessment letter documents NRC’s completion of its end-of-cycle performance assessment of Beaver Valley Power Station, Units 1 and 2, reviewing PIs, inspection results, and enforcement actions from January 1, 2019 through December 31, 2019.
The NRC determined the performance at Beaver Valley Power Station, Units 1 and 2, during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC’s ROP Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections.

- An upcoming Beaver Valley Power Station, Units 1 and 2, inspection on, “Design Bases Assurance” is planned for September 14-18, 2020 and September 28 through October 2, 2020. This information, and additional 2020/2021 planned inspections are identified by the Inspection Activity Plan, which is attached to the March 3, 2020, Annual Assessment letter.

D. Federal Emergency Management Agency (FEMA) – Mr. Ed Golinski

- Thanked Mr. Hill for setting up this live meeting and sending all of the documentation prior to the meeting. “This is working out perfectly for us.”
- Majority of FEMA REP Staff were deployed 60 days or more in response to COVID so many programs were placed on hold.
- FEMA has completed the plan reviews for Perry, Davis Besse and Beaver Valley and are hoping to plan a review with the State of Ohio.
- FEMA did approve the request for extension on calibration as reviewed by Chris Salz.
- Currently they are reviewing the various extent of play and scenario packages for upcoming exercises.
- Annual TEPW (Training, Exercise and Planning Workshop) meeting looks like it will be done virtually, more to come on that.
- FEMA has restricted all travel through at least September, possible to the end of the year. FEMA employees are not even allowed to go into their offices at this point.
- REP is also trying to get the 2019 RPM training going again with both State and Counties.

E. FENOC:

Mr. Chris Dahs of Energy Harbor Nuclear (EHN) reported for the utility. A complete copy of his notes are available by contacting the URSB secretary 614-889-7150.

Beaver Valley Power Station

Unit 2 Refueling Outage

Beaver Valley completed the 21st refueling outage for Unit 2, without incident and on schedule. However, the 21st refueling outage brought significant challenges never before seen due to COVID-19. Significant preparation was necessary to ensure that the large workforce required to support the outage did not place personnel in unnecessary risk of spreading COVID-19.

Energy Harbor maintains an extensive Pandemic Health Emergency Plan, which was implemented as required. As conditions changed throughout the regions where our facilities are located, the company progressed to Stage E, our highest stage of activation for a pandemic. Crew rotations were locked, all unnecessary personnel were removed from the sites, including Beaver Valley, social distancing practices were implemented, and mandatory daily health screenings were required at all Energy Harbor sites. The
Beaver Valley Team worked diligently to remove all unnecessary work from the outage to minimize the number of workers that needed to be brought on-site and complete the outage in the shortest time period possible, without compromising any safety related work. New and innovative practices were implemented to minimize the chances of spreading COVID-19. For example, Energy Harbor researched and purchased several Power Breezers, which is a device that can disinfect a large room in minutes by spraying a mist of disinfectant solution. These devices were utilized daily to disinfect the screening area as well as the temporary construction trailers utilized by contract workers during outages.

The outage was completed on May 6 with a duration of 24 days, 16 hours. The extensive effort expended to combat the spread of COVID-19 resulted in the completion of the outage with only one confirmed case at Beaver Valley, which was the result of a personal transmission outside of work and had no connection to the outage. Both units continue to operate safely and reliably.

**Beaver Valley Evaluated Exercise Preps**

Due to the COVID-19 event, the Beaver Valley Evaluated Exercise was postponed until November 10. FEMA and the NRC continue to work with Offsite Response Organizations and licensees to ensure the minimum requirements can be met, while not placing undue stress or risk on any personnel, facilities or communities. Currently it is expected that the NRC will be evaluating the performance of Beaver Valley Power Station on November 10, and FEMA will evaluate a minimal level of offsite participation as well.

**The next Beaver Valley integrated drill is scheduled for July 16, 2020.**

**Davis-Besse Nuclear Power Station**

**Davis-Besse Refueling Outage**

Davis-Besse completed the 21st refueling outage on March 27, 2020. Due to COVID-19, Davis-Besse faced similar challenges as Beaver Valley, however the Davis-Besse outage occurred very early in the pandemic event and transmission in the region was still very low. The Davis-Besse team also worked to reduce any scheduled work that could be safely moved from the outage to minimize the risk of spreading COVID-19, while ensuring the unit could operate safely throughout the next cycle. This effort led to most of the temporary outage workers being released from the site prior to the pandemic reaching the levels required for the company to enter Stage E of the pandemic plan. Early release of the temporary workers, combined with the screening, disinfecting and social distancing plans allowed Davis-Besse to complete their outage without any COVID-19 cases. The outage was completed within 27 days without any significant events. Davis-Besse continues to operate safely at full power.

**The next Davis-Besse integrated drill is scheduled for August 4, 2020**

**Perry Nuclear Power Plant**

**Continued Safe and Reliable Operation**

Perry continues to operate safely and reliably during the refueling cycle, while executing the pandemic plan. Perry has been preparing for their next evaluated exercise, which is scheduled for September 15, 2020. Current plans are to conduct the exercise on that date, with the NRC evaluating Perry performance.
and FEMA evaluating a minimal level of offsite participation. Certainly, as the challenges of COVID-19 continue, Energy Harbor will remain flexible and support our offsite partners as they make the best decisions possible to protect personnel. Perry is currently conducting a series of table-top drills during July, covering each of their Emergency Response Organization Teams.

The next Perry integrated drill is the Dry Run, scheduled for August 12, 2020.

V. MISCELLANEOUS

A. Questions from the Public

There was a Q&A dialog box opened on the virtual meeting. There were no questions from the public.

VI. ADJOURNMENT

Ms. Welch asked if there was any further discussion on any of the topics covered, and hearing none requested a motion to adjourn. Ms. Gerhardt made a motion and a vote was taken, all were in favor, none opposed and the meeting was adjourned at 2:20 PM.